

State of New Mexico
Energy, Minerals and Natural Resources

District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-005-10455	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Cato San Andres Unit	
8. Well Number 049	
9. OGRID Number 330485	
10. Pool name or Wildcat Cato; San Andres	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Cano Petro of New Mexico, Inc.

3. Address of Operator
801 Cherry Street Suite 3200 Unit 25 Fort Worth, TX 76102

4. Well Location
Unit Letter L 1980 feet from the S line and 660 feet from the W line
Section 11 Township 08S Range 30E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
4143

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☒
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

NMOCD plugged well according to attached EOW report and plugged WBD.

Spud Date:

Rig Release Date:

Accepted for record – NMOCD

JRH 05/03/2023

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Drake McCulloch TITLE Authorized Representative DATE 5/31/22

Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

Cano Petro Inc./NMOCD OWP**Plug And Abandonment End Of Well Report****Cato San Andres Unit #049**

1980' FSL & 660' FWL, Section 11, T8S, R30E

Chaves County, NM / API 30-005-10455

Work Summary:

- 5/20/22** Made NMOCD P&A operations notifications at 9:00 AM MST.
- 5/22/22** MOL and R/U P&A rig. Prepped location with backhoe. Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. N/D wellhead, N/U BOP and function tested. Changed out handling tools to work with 2-1/16" production tubing inside 3 1/2" flush joint liner. Worked stuck tubing free. L/D 10 joints of 2-1/16" production tubing. Secured and shut-in well for the day.
- 5/24/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U bit and 1 1/4" work string to a depth of 3,408'. R/U cementing services. Circulated wellbore clean with 30 bbls of fresh water. Pumped plug #1 from 3,408'-2,716' to cover the San Andres perforations and formation top. TOOH. WOC 4 hours. TIH and tagged plug #1 top at 3,204'. R/U cementing services. Re-pumped plug #1 from 3,204'-2,545'. TOOH. WOC overnight. Secured and shut-in well for the day.
- 5/25/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. TIH and tagged plug #1 top at 2,558'. R/U cementing services. Pressure tested production casing to 500 psi in which it successfully held pressure. Spotted 9.5 ppg mud spacer from 2,558'-1,595'. L/D tubing up to next plug depth. TOOH with remaining tubing. R/U wireline services. Ran CBL from top of plug #1 at 2,558' to surface. CBL results were sent to NMOCD office for review. Attempted to pressure test Bradenhead but it failed to hold pressure. TIH to 1,595'. R/U cementing services. Pumped plug #2

from 1,595'-924' to cover the Yates and Rustler formation tops. Spotted 9.5 ppg mud spacer from 924'-561'. R/U wireline services. RIH and perforated squeeze holes at 561'. Attempted to establish circulation down production casing through perforations at 561' and back around and out Bradenhead valve at surface but was unsuccessful. Secured and shut-in well for the day.

5/26/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. R/U cementing services. Successfully established circulation down 3 1/2" production liner through perforations at 561' and back around and out 4 1/2" casing valve at surface. Successfully circulated cement down 3 1/2" production liner through perforations at 561' and back around and out 4 1/2" casing valve at surface. N/D BOP, N/U wellhead. R/D and MOL.

5/31/22 Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was at surface in both the 3 1/2" liner and 4 1/2" production casing annulus. Ran weighted tally tape down 8-5/8" surface casing annulus and tagged cement at approximately 100'. Ran 3/4" poly pipe down 8-5/8" surface casing annulus. R/U cementing services. Topped-off well with 19 sx of cement. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.

Plug Summary:

Plug #1:(San Andres Perforations and Formation Top 3,408'-2,558', 50 Sacks Type III Cement(Re-pumped 25 sx))

Mixed 50 sx Type III cement and spotted a balanced plug to cover the San Andres perforations and formation top. Re-pumped 25 sx Type III.

Plug #2:(Yates and Rustler Formation Tops 1,595'-924', 25 Sacks Type III Cement)

Mixed 25 sx Type III cement and spotted a balanced plug to cover the Yates and Rustler formation tops.

Plug #3: (Surface Casing Shoe 561'-Surface, 83 Sacks Type III Cement(19 sx for Top-Off))

RIH and perforated squeeze holes at 561'. Attempted to establish circulation down production casing through perforations at 561' and back around and out Bradenhead valve at surface but was unsuccessful. R/U cementing services. Successfully established circulation down 3 1/2" production liner through perforations at 561'

and back around and out 4 ½" casing valve at surface. Successfully circulated cement down 3 ½" production liner through perforations at 561' and back around and out 4 ½" casing valve at surface. N/D BOP, N/U wellhead. R/D and MOL. Performed wellhead cut-off. Cement was at surface in both the 3 ½" liner and 4 ½" production casing. Ran weighted tally tape down 8-5/8" surface casing annulus and tagged cement at approximately 100'. Ran ¾" poly pipe down 8-5/8" surface casing annulus. R/U cementing services. Topped-off well with 19 sx of cement. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back filled P&A marker. R/D and MOL.





1:59

LTE



359° N

33°37'57" N 103°51'24" W

4110 ft Elevation

End of Well Wellbore Diagram

Cato San Andres Unit #049

API #: 30-005-10455

Chaves County, New Mexico

Plug 3

561 feet - Surface

561 foot plug

83 sacks of Type III Cement

19 sks Type III Cement Top Off

Plug 2

1595 feet - 924 feet

671 foot plug

25 sack of Type III Cement

Plug 1

3408 feet - 2558 feet

850 foot plug

50 sacks of Type III Cement

Re-pumped 25 sks Type III Cement

Perforations

3431 feet - 3459 feet

3496 feet - 3536 feet

Surface Casing

8.625" 28# @ 511 ft

Formation

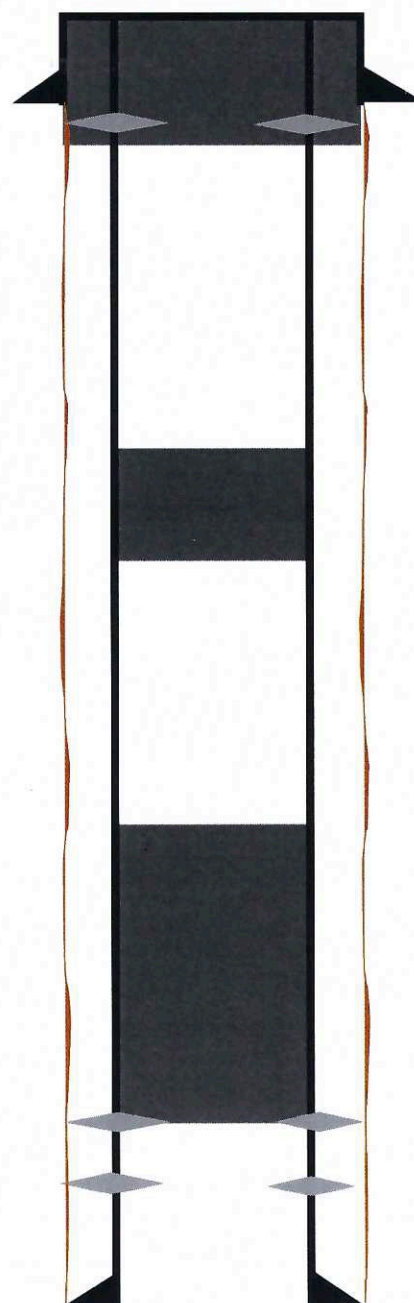
Rustler - 1072 ft

Yates - 1545 ft

San Andres - 3381 ft

Production Casing

4.5" 9.5# @ 3561 ft



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 114016

CONDITIONS

Operator: J.A. Drake Well Service Inc. 607 W Pinon Farmington, NM 87401	OGRID: 330485
	Action Number: 114016
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023